PHENIX
WEEKLY PLANNING

Sept. 24, 2015

C. Biggs

This Week

1. Finish up VTX/FVTX West
2. Replace finished MPC North Crystals
3. Continue work on VTX East
4. Continue to set up 510 Hi-Bay for S-PHENIX Prototype builds

Next Week

1. Distribution boards for MPC-ex tested and installed, retested

2. Continue work on VTX/FVTX West

4. Continue to support S-PHENIX prototypes

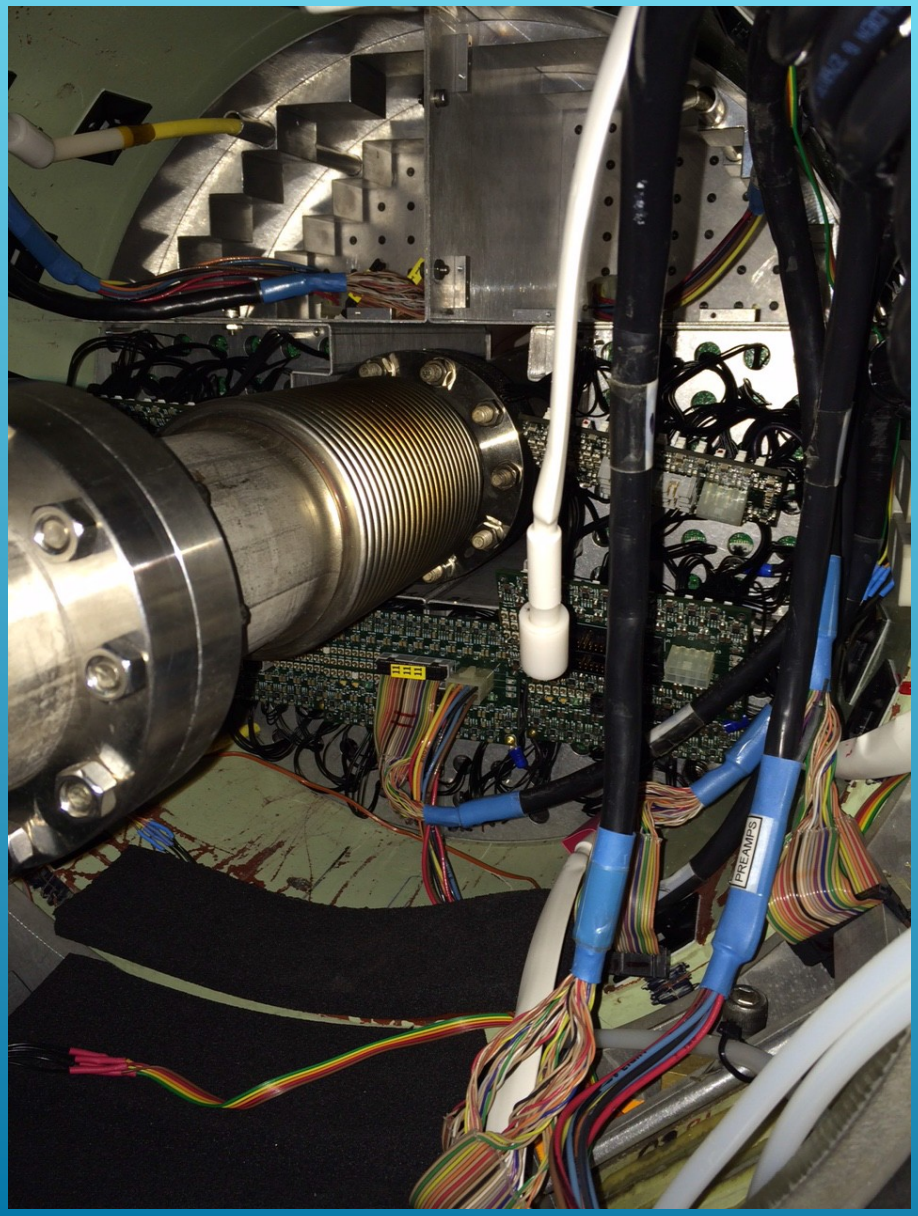
2015 SHUTDOWN SHEDULE

June 19th	End of Run Party
JUNE 22ND	END OF RUN
June 23rd	Roll out Shield Wall
June 25– 30	Remove Shield Wall
June 24 - 29	Pixel Testing on VTX (Chuck, Eric)
July 1	Remove Collars, Move South Magnet south
July 2 – July 6	Disconnect & roll out East Carriage
July 6 – 7	Setup up IR for shut down work
July 6 – 10	De-Cable & remove East VTX/FVTX, move to 510
July 9th	Erect Scaffold between south and central magnets
July 10th	Set up MPC-ex "sled"
July 13 – 16	Remove MPC-ex south, MPC South Crystals
July 14 – 21	De-Cable & remove West VTX/FVTX, move to 510
July 17 – Aug 7	Repairs and upgrades to MPC-ex and MPC south in 510
July 17 – Sept 21	Repairs to East VTX/FVTX in 510
July 17 - Oct 19	Repairs to VTX/FVTX West in 510
July 29	Deliver and set up "Dance Floor" for Summer Sunday
July 31	Start to fold down East Carriage wings
Aug 2	SUMMER SUNDAY @ PHENIX

2015 SHUTDOWN SCHEDULE (cont.)

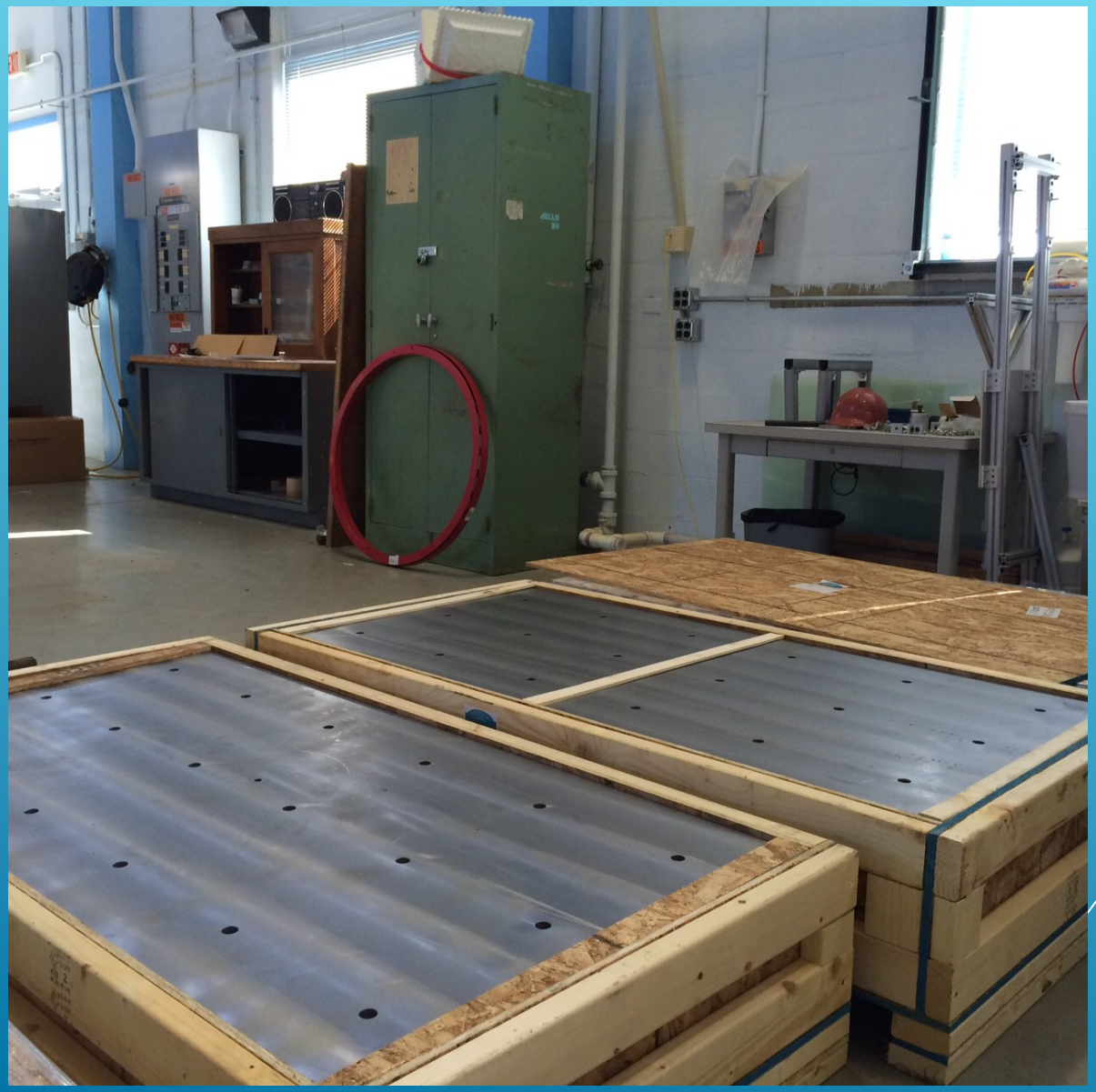
Aug 14 – 30	DC East and West Repairs
Aug 10 – ?	Replace & Troubleshoot MPC and MPC-ex South
Aug. 24 – 28	MuTr South Sta. 1 Repairs
Aug 31 – Sept. 2	Remove South scaffold and move CM south
Sept. 2nd	Erect Scaffold between CM and North magnet
Sept. 3rd	Install MPC-ex "sled" in north
Sept. 3 – Sept. 4	MuTr North Sta. 1 Repairs
Sept. 3 – Sept. 7	Remove MPC-ex North & MPC North crystals
Sept 7 – 24	Repairs to MPC North in 510
Oct 5 – 14	Re-install and re-cable VTX/FVTX West
Sept 24 – Oct 8	Replace & Troubleshoot MPC and MPC-ex North
Oct 9th	Remove North Scaffold and move CM North
Sept 28 – Nov 20	Troubleshoot VTX/FVTX Systems
Oct 20 – 23	Re-Install and re-cable VTX/FVTX East
November	DC Wire Repairs
Dec 1 – 4	Prep IR for Run 16
Dec 4	Fold up "wings" on East Carriage
Dec 7- 9	Move in East Carriage
Dec 10	Fold down "wings" on East Carriage
Dec 11 – 15	Build Shield Wall
Dec 16	Move Shield Wall in
Dec 10 – 23	White, Pink, and Blue Sheeting

MPC North ½ way back



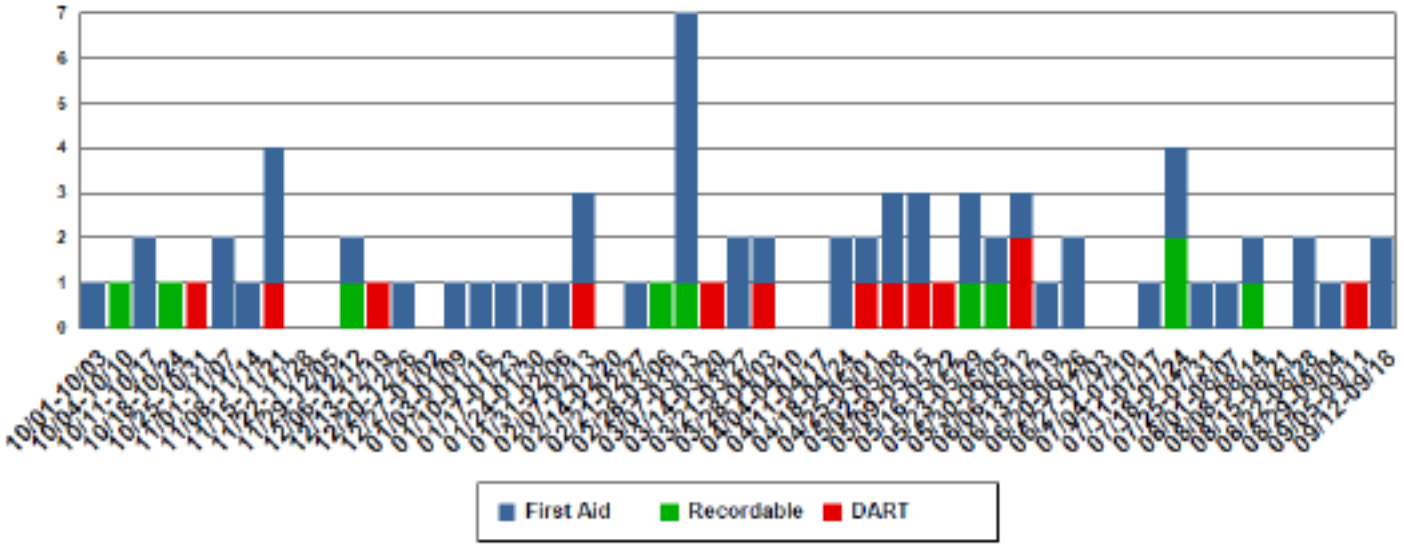
510 Prototype Assembly Area

New Hcal Prototype Plates



Old Hcal Prototype Final Resting Place

Injuries Per Week (FY)
As of 9/18/2015



Injury Status:

FY15 YTD: DART – 13, TRC – 23, First Aid – 53
FY14: DART – 17, TRC – 33, First Aid – 38
FY13: DART – 18, TRC – 39, First Aid – 52

FY15 Injury Listing:
https://intranet.bnl.gov/esh/shsd/seg/OccInj/BNLInjuries.aspx

Recent Injuries		
9/14/15	First Aid	An employee injured his lower back while bending to pull open a drawer to retrieve a tool. At the clinic, first aid was given and the employee was sent home for the day.
9/12/15	First Aid	An employee slipped on a wet surface and fell onto the back of his head. The employee was transported via ambulance to a local ER where first aid was given.

Recent Events		
9/15/15	Non-Reportable	During a receipt inspection at Receiving, Building 98, the Rigging Inspector identified four 3/8" SS Turnbuckle Jaws as Suspect/Counterfeit Items (S/CI). The Turnbuckle Jaws do not comply with ASME B30.26. These items were not used. (Event Link)
9/11/15	SC-BNL	A Radiological Control Technician reported masked radiological postings on the outside of Building 931, the BLIP Facility, making them unreadable. The postings were covered to protect them from paint spray/splatter, as the exterior of the building is currently being painted. Building 931 is a posted Radiation Area, Radioactive Material Area, and Controlled Area. (Event Link)
9/11/15	Non-Reportable	During a pre-use vehicle inspection, a Waste Management Technician noticed a cracked windshield on the Waste Management Program Hazardous Waste pick-up truck (license plate number E35143). The technician notified their supervisor, who notified the ORPS coordinator. A police report was generated with no cause identified for the event. (Event Link)
9/9/15	Non-Reportable	An employee discovered suspect fittings when the items were unpacked. The wall thickness and steel type did not match the specified requirements. The fittings were not used. (Event Link)

From Gail Matson, ALD for ES&H

Thank you, everyone, for all of your efforts this year to improve safety at the Lab. Our FY15 injury rates continue to trend downward:

- Our current DART (days away, restricted, or transferred) Rate of 0.48 is the lowest in Lab history and has decreased by 26% since last September 1
- Our TRC (total recordable cases) Rate is 0.88, which is a 27% reduction since last September 1
- In parallel, we have seen a reduction in the top three types of injuries: Slips/trips/falls, manual handling/lifting, and lacerations.

In reviewing our safety statistics for over the past few years, we've seen a repeated increase in injuries and incidents during the summer months, and it happened again this summer. Historically, our highest reports of injuries have been in the winter, with many weather-related injuries. Through the exceptional work of our snow crews to clear the site, delayed site openings, and our staff being more cautious about walking on slippery surfaces (partially due to the use of the slip simulator), we had significantly fewer winter weather injuries this year than last year. So now we are adjusting our focus to explore ways we can reduce the number of injuries in the summer months.

Of course, some injuries (like bug bites and bee stings) are hard to prevent despite our best efforts. But many of the injuries we see are still related to workers not following procedures or best practices. These include behaviors like lifting a heavy item by themselves instead of using a lifting device or asking for help, or not being conscious of their situation and surroundings, which can result in injuries caused by falling tools, equipment injuring a body part, injuries from touching hot or sharp surfaces, or even walking into a wall while texting.

As we proceed with our analysis of injuries during the summer months and compare to other Department of Energy sites and industry, we will share our findings and ideas for improvement with you. However, we also want your input and ideas, so please contact me or any of our SHSD staff with your suggestions. Making Brookhaven Lab a safer place to work should always be on our mind. Thanks -Gail

WHERE TO FIND PHENIX ENGINEERING INFO

http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL_SSint-page.htm